| Electronic Patent Application Fee Transmittal |                                                                      |          |          |        |                         |  |  |
|-----------------------------------------------|----------------------------------------------------------------------|----------|----------|--------|-------------------------|--|--|
| Application Number:                           | 10678288                                                             |          |          |        |                         |  |  |
| Filing Date:                                  | 03-Oct-2003                                                          |          |          |        |                         |  |  |
| Title of Invention:                           | HYDROCARBON-REFORMING CATALYST AND A METHOD OF MANUFACTURING THEREOF |          |          |        |                         |  |  |
| First Named Inventor/Applicant Name:          | Toshiya Wakatsuki                                                    |          |          |        |                         |  |  |
| Filer:                                        | Russell D. Orkin/Ruth Walkup                                         |          |          |        |                         |  |  |
| Attorney Docket Number:                       | 5445-031822                                                          |          |          |        |                         |  |  |
| Filed as Large Entity                         | •                                                                    |          |          |        |                         |  |  |
| Utility under 35 USC 111(a) Filing Fees       |                                                                      |          |          |        |                         |  |  |
| Description                                   |                                                                      | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |
| Basic Filing:                                 |                                                                      |          |          |        |                         |  |  |
| Pages:                                        |                                                                      |          |          |        |                         |  |  |
| Claims:                                       |                                                                      |          |          |        |                         |  |  |
| Miscellaneous-Filing:                         |                                                                      |          |          |        |                         |  |  |
| Petition:                                     |                                                                      |          |          |        |                         |  |  |
| Patent-Appeals-and-Interference:              |                                                                      |          |          |        |                         |  |  |
| Post-Allowance-and-Post-Issuance:             |                                                                      |          |          |        |                         |  |  |
| Utility Appl issue fee                        |                                                                      | 1501     | 1        | 1510   | 1510                    |  |  |
| Publ. Fee- early, voluntary, or normal        |                                                                      | 1504     | 1        | 300    | 300                     |  |  |

| Description                       | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |
|-----------------------------------|----------|----------|--------|-------------------------|
| Extension-of-Time:                |          |          |        |                         |
| Miscellaneous:                    |          |          |        |                         |
| Printed copy of patent - no color | 8001     | 10       | 3      | 30                      |
|                                   | Tot      | (\$)     | 1840   |                         |